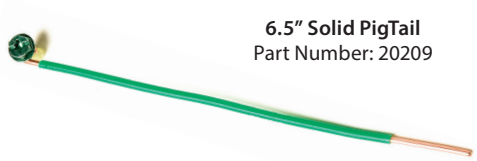
Ground Bonding Products

Product Data Sheet

GROUND BONDING PIGTAILS
(WIRE GAUGE SIZE IS 12 AWG EXCEPT WHERE NOTED)

- Labor and Time Savings!
- US/Canada UL Listed. UL File: #E229221.
- Meet the requirements of the 2023 National Electrical Code: Articles 110.14(A) and (B) and 250.8(A).
- Features a captive GSH or GSC Green Ground Screw on one end, the other end is pre-stripped 5/8" or 1".
- Available in Insulated Solid or Stranded Wire; 6.5", 8", 10" and 12" lengths.



6.5" Solid PigTail
Part Number: 20209

REFERENCE GUIDE — INSULATED SOLID WIRE PIGTAILS (WIRE GAUGE SIZE IS 12 AWG EXCEPT WHERE NOTED)

PART NUMBERS

20209: 6.5-Inch (BAG)
10009: 6.5-Inch (BULK)*
20210: 6.5-Inch (14 AWG) (BAG)
10010: 6.5-Inch (14 AWG) (BULK)
20211: 8-Inch (BAG)
10011: 8-Inch (BULK)*
20287: 10-Inch (BAG)
10089: 12-Inch (BULK)
20289: 12-Inch (BAG)

PigTail: With captive GSH Ground Screw - Stripped 1".





GSH Ground Screw



GSC Ground Screw

10016: 6.5-Inch (BULK)
20216: 6.5-Inch (BAG)

PigTail: With captive GSC Ground Screw - Stripped 1".



REFERENCE GUIDE — INSULATED STRANDED WIRE PIGTAILS (WIRE GAUGE SIZE IS 12 AWG EXCEPT WHERE NOTED)

PART NUMBERS

20208: 8-Inch (BAG)
10008: 8-Inch (BULK)*

PigTail: One (1) Flanged Spade Terminal - Stripped 5/8".



20203: 8-Inch (14 AWG) (BAG)
10003: 8-Inch (14 AWG) (BULK)
20204: 8-Inch (BAG)
10004: 8-Inch (BULK)*
20219: 10-Inch (BAG)
20225: 12-Inch (BAG)

PigTail: One (1) Flanged Spade Terminal and a captive GSH Ground Screw.



20229: 8-Inch* (BAG)

PigTail: Ring Terminal and a captive GSH Ground Screw - Stripped 5/8".



10041: 8-Inch (BULK)
20220: 10-Inch (BAG)
20226: 12-Inch (BAG)

PigTail: One (1) Flanged Spade Terminal and a captive GSC Ground Screw.



20236: 8-Inch (BAG)
20235: 10-Inch (BAG)

PigTail: Ring Terminal and a captive GSC Ground Screw - Stripped 5/8".



Contractor preferred

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ENGINEERED PRODUCTS CO.

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Solid Wire With GSH Ground Screw										
20209	20209	6.5", Captive GSH Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10009	10161	6.5", Captive GSH Ground Screw – Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20210	20210	6.5" (14 AWG), Captive GSH Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10010	10162	6.5" (14 AWG), Captive GSH Ground Screw – Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	14
20211*	20211	8", Captive GSH Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	11
10011*	10163	8", Captive GSH Ground Screw – Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	22
20287	20287	10", Captive GSH Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	13
10089	10089	12", Captive GSH Ground Screw – Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	22
20289	20289	12", Captive GSH Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	13
Solid Wire With GSC Ground Screw										
20216	20216	6.5", Captive GSC Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10016	10016	6.5", Captive GSC Ground Screw – Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20286	20286	8", Captive GSC Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	11
20288	20288	10", Captive GSC Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	13
Stranded Wire Without Ground Screws										
20208	20208	8", One (1) Flanged Spade Terminal – Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	13
10008*	10008	8", One (1) Flanged Spade Terminal – Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	26
Stranded Wire With GSH Ground Screw										
20203	20203	8", (14 AWG), One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	16
10003	10154	8" (14 AWG), One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	32
20204*	20204	8", One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	13
10004*	10155	8", One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	26
20219	20219	10", One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	15
20225	20225	12", One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	17
20229*	20229	8", Ring Terminal - Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	12
Stranded Wire With GSC Ground Screw										
20220	20220	10", Ring Terminal, One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	15
20226	20226	12", Ring Terminal, One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	17
20235	20235	10", Ring Terminal - Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	14
20236	20236	8", Ring Terminal - Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	12
20241	20241	8", Ring Terminal, One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	13
10041	10160	8", Ring Terminal, One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	26

Contractor preferred

UNITS OF MEASURE KEY

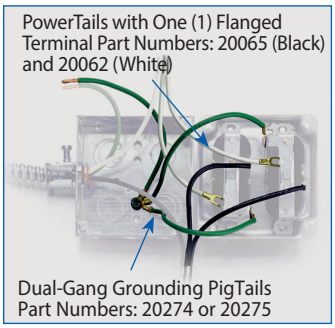
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EPCO Ground Bonding PigTails are Made in the USA. Complies with the American Recovery and Reinvestment Act – Buy American Provision.

SINGLE AND DUAL-GANG GROUND BONDING PIGTAILS (12 AWG ONLY)

- Labor and Time Savings!
- US/Canada UL Listed. UL File: #E229221.
- Matched Flanged Spade and Ring Terminals ensure a safe, reliable ground connection.
- Meet the requirements of the 2023 National Electrical Code: Articles 110.14(A) and (B) and 250.8(A).





Part Number: 20274

Reprinted from the 2023 National Electrical Code: Article 250.148 — Continuity and Attachment of Equipment Grounding Conductors to Boxes:
Where circuit conductors are spliced within a box, or terminated on equipment within, or supported by a box, any equipment grounding conductor(s) associated with those circuit conductors shall be connected within the box or to the box with devices suitable for the use in accordance with 250.148(A) through (E).

REFERENCE GUIDE — SINGLE AND DUAL-GANG GROUND BONDING PIGTAILS (12 AWG ONLY)

PART NUMBERS

20267: 8-Inch Solid Wire Single-Gang (BAG)



20268: 8-Inch Stranded Wire Single-Gang (BAG)



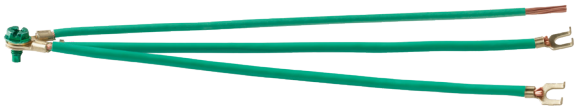
20270: 8-Inch Stranded Wire Dual-Gang* (BAG)



20274: 8-Inch Solid Wire Dual-Gang* (BAG)



20275: 8-Inch Stranded Wire Dual-Gang (BAG)



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
20267(BAG)	20267	**Single-Gang PigTail:** One (1) 8" Solid Wire Incoming Lead - Stripped 1", One (1) 8" Stranded Wire Conductor with One (1) Flanged Spade Terminal, captive GSH Ground Screw	PKG	20	BG	20	400	20	Yes	9
20268(BAG)	20268	**Single-Gang PigTail:** One (1) 8" Stranded Wire Incoming Lead - Stripped 5/8", One (1) 8" Stranded Wire Conductor with One (1) Flanged Spade Terminal, captive GSH Ground Screw	PKG	20	BG	20	400	20	Yes	9
20270(BAG)*	20270	**Dual-Gang PigTail:** Two (2) 8" Stranded Wire Conductors, each with One (1) Flanged Spade Terminal, captive GSH Ground Screw	PKG	20	BG	20	400	20	Yes	10
20274(BAG)*	20270	**Dual-Gang PigTail:** One (1) 8" Solid Wire Incoming Lead - Stripped 1",Two (2) 8" Stranded Wire Conductors, each with One (1) Flanged Spade Terminal, captive GSH Ground Screw	PKG	20	BG	20	400	20	Yes	11
20275(BAG)	20275	**Dual-Gang PigTail:** One (1) 8" Stranded Wire Incoming Lead - Stripped 5/8", Two (2) 8" Stranded Wire Conductors, each with One (1) Flanged Spade Terminal, captive GSH Ground Screw	PKG	20	BG	20	400	20	Yes	13

Contractor preferred

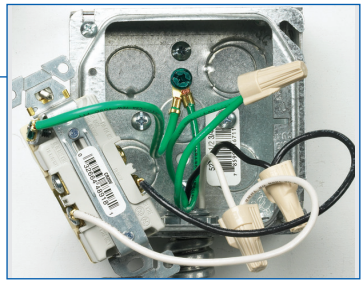
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SINGLE AND DUAL-GANG GROUND BONDING PIGTAILS — APPLICATION EXAMPLES

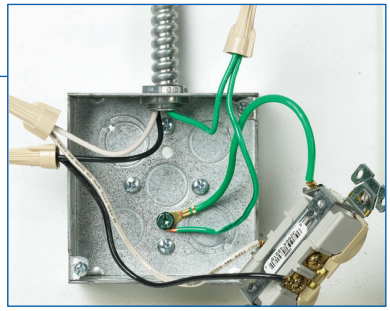
SINGLE-GANG SOLID WIRE: P/N 20267

The ground screw is screwed into and bonds the metal junction box. The single stranded wire grounding conductor with the flanged spade terminal from this same PigTail grounds the receptacle. The solid wire grounding conductor on the PigTail will ground the receptacle. The solid wire grounding conductor on the PigTail connects to the MC Cable and bonds back to the service panel.



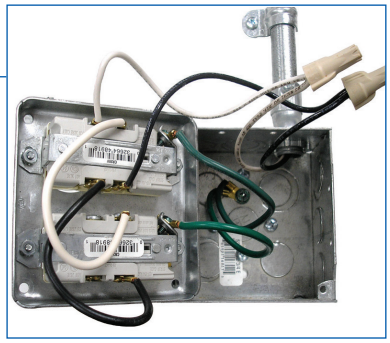
SINGLE-GANG STRANDED WIRE: P/N 20268

The ground screw is screwed into and "grounds" the metal junction box. The single stranded wire grounding conductor with the flanged spade terminal from this PigTail grounds the receptacle. The stranded wire grounding conductor on the PigTail connects (by wire nut) the incoming ground conductor in the MC Cable and bonds back to the service panel.



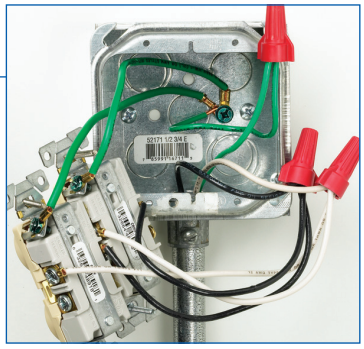
DUAL-GANG STRANDED WIRE: P/N 20270

The ground screw is screwed into the 10/32 tapped grounding hole opening in the metal junction box, bonding the junction box to the conduit system and grounded back to the service panel. The two (2) stranded wire ground PigTails with the flanged spade terminals would then connect to the grounding screw of the receptacles or switches to be wired.



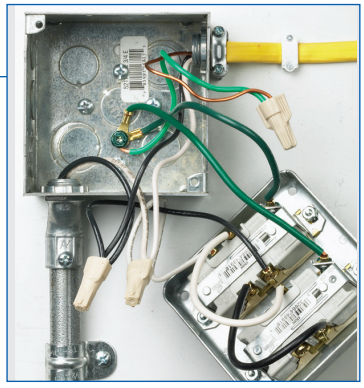
DUAL-GANG SOLID WIRE: P/N 20274

The ground screw is screwed into and bonds the metal junction box. The two (2) stranded wire grounding conductors with the flanged spade terminals from this PigTail grounds each receptacle. The solid wire conductor on the PigTail connects by wire nut to the incoming ground conductor in the conduit and bonds back to the service panel.



DUAL-GANG STRANDED WIRE: P/N 20275

The ground screw is screwed into and "grounds" the metal junction box and is bonded back to the service-grounded panel. Two (2) stranded wire grounding conductors with flanged spade terminals from this PigTail ground each receptacle. The stranded wire grounding conductor on the PigTail connects by wire nut to the ground conductor from the incoming cable.



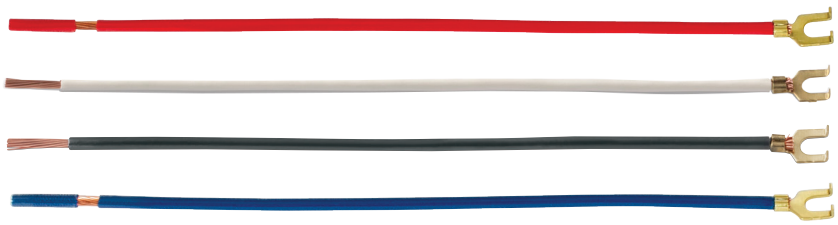
POWERTAILS DEVICE WIRING CONDUCTORS (12 AWG ONLY)

- Labor and Time Savings! Used by contractors that wire Commercial and Industrial buildings when using single and/or multi-gang metal boxes.
- UL Recognized.
- Provides installation speed and a reliable connection when bringing power to multiple devices. Perfect for pre-wiring devices in the contractor's shop or on the job site.
- 8" Black, White, Blue, or Red leads feature a factory crimped Flanged Spade Terminal that slips under the terminal screw on the device.
- Manufactured using flexible 12 AWG stranded wire to easily push into the junction box.
- Meet the requirements of the 2023 National Electrical Code: Articles 110.14(A) and (B).

REFERENCE GUIDE — STRANDED POWERTAILS DEVICE WIRING CONDUCTORS (12 AWG)

PART NUMBERS

20261: Red (BAG)
10061: Red (BULK)
20262: White (BAG)
10062: White (BULK)
20265: Black (BAG)
10065: Black (BULK)
20277: Blue (BAG)
10077: Blue (BULK)



c UL us
PROCESSED WIRE

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
20261	20261	8", Red, One (1) Flanged Spade Terminal, Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10061	10061	8", Red, One (1) Flanged Spade Terminal, Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20262	20262	8", White, One (1) Flanged Spade Terminal, Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10062	10062	8", White, One (1) Flanged Spade Terminal, Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20265	20265	8", Black, One (1) Flanged Spade Terminal, Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10065	10065	8", Black, One (1) Flanged Spade Terminal, Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20277	20277	8", Blue, One (1) Flanged Spade Terminal, Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10077	10077	8", Blue, One (1) Flanged Spade Terminal, Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18

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EPCO Ground Bonding PigTails are Made in the USA. Complies with the American Recovery and Reinvestment Act – Buy American Provision.

GROUND SCREWS

Our Ground Screws are manufactured in compliance with the Restriction of Hazardous Substances (RoHS) European Directive. These Screws (#10-32 x .375") meet the requirements of the 2023 National Electrical Code: Article 250.8.



GSH Ground Screw
Hex Head Screw

GSH — Hex Head Screw – Combination slotted, Phillips and square drive tapered point screw used to simplify wiring installations when pre-tapped holes exist in metal boxes.



GSC Ground Screw
Cutting Point Screw

GSC — Cutting Point Screw – Combination hex head, slotted, Phillips and square drive screw for use in metal boxes when holes have not been pre-tapped.

Note: *The Directive of the 2002/95/EC European Union (EU), restricts the use of certain hazardous substances in electrical and electronic equipment. Those substances are Lead, Mercury, Cadmium, Hexavalent Chromium, PBBs.*

GROUND CLIPS

Our Ground Clips are an excellent time and labor saving alternative to Ground Screws and are specifically designed for termination of the grounding conductor and should be used when a 10-32 hole is not pre-drilled or tapped into a metallic junction box.



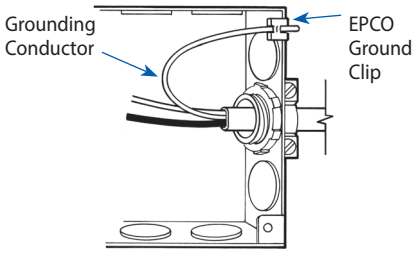
Ground Clip

Since ground clips are forced onto the outside edge of the junction box, we recommend using a "new" clip instead of re-using the old clip. Clips should never be forced onto the round portion of a plaster ring or a poor electrical connection will result.

INSTALLATION PROCEDURE

The correct way to install a ground clip is to feed the grounding conductor into the ground clip with the shorter part of the ground clip placed inside the junction box.

Then use the flat blade of a screwdriver to force the ground clip onto the junction box to ensure a good electrical connection. See illustration.



RoHS ✓ Compliant 2002/95/EC

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Ground Screws										
GSH	10051	**GSH:** Slotted, #2 Phillips, Hex Head, #2 Robertson with Tapered Die Point - Green	PKG	100	PKG	10	1000	100	Yes	1
20051	20051	**GSH:** Bulk	C	1000	BN	1000	1000	1000	Yes	10
GSC	10053	**GSC:** Slotted, #2 Phillips, Hex Head with Cutting Point - Green	PKG	100	PKG	10	1000	100	Yes	1
20053	20053	**GSC:** Bulk	C	1000	BN	1000	1000	1000	Yes	10
Ground Clips										
GC	10052	**Ground Clip:** for 14 AWG -12 AWG Solid Wire	PKG	100	PKG	10	1000	100	Yes	1
20052	20052	**GC:** Bulk	C	1000	BN	1000	1000	1000	Yes	10

Note: *Ground Screws listed above are used in our Ground Bonding PigTails.*

****Contractor preferred***

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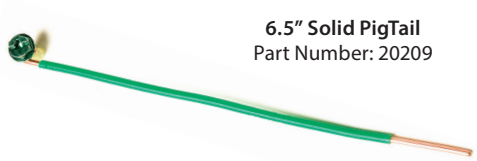
ENGINEERED PRODUCTS CO.

Ground Bonding Products

Product Data Sheet

GROUND BONDING PIGTAILS
(WIRE GAUGE SIZE IS 12 AWG EXCEPT WHERE NOTED)

- Labor and Time Savings!
- US/Canada UL Listed. UL File: #E229221.
- Meet the requirements of the 2023 National Electrical Code: Articles 110.14(A) and (B) and 250.8(A).
- Features a captive GSH or GSC Green Ground Screw on one end, the other end is pre-stripped 5/8" or 1".
- Available in Insulated Solid or Stranded Wire; 6.5", 8", 10" and 12" lengths.



6.5" Solid PigTail
Part Number: 20209

REFERENCE GUIDE — INSULATED SOLID WIRE PIGTAILS (WIRE GAUGE SIZE IS 12 AWG EXCEPT WHERE NOTED)

PART NUMBERS

20209: 6.5-Inch (BAG)
10009: 6.5-Inch (BULK)*
20210: 6.5-Inch (14 AWG) (BAG)
10010: 6.5-Inch (14 AWG) (BULK)
20211: 8-Inch (BAG)
10011: 8-Inch (BULK)*
20287: 10-Inch (BAG)
10089: 12-Inch (BULK)
20289: 12-Inch (BAG)

PigTail: With captive GSH Ground Screw - Stripped 1".





GSH Ground Screw



GSC Ground Screw

10016: 6.5-Inch (BULK)
20216: 6.5-Inch (BAG)

PigTail: With captive GSC Ground Screw - Stripped 1".



REFERENCE GUIDE — INSULATED STRANDED WIRE PIGTAILS (WIRE GAUGE SIZE IS 12 AWG EXCEPT WHERE NOTED)

PART NUMBERS

20208: 8-Inch (BAG)
10008: 8-Inch (BULK)*

PigTail: One (1) Flanged Spade Terminal - Stripped 5/8".



20203: 8-Inch (14 AWG) (BAG)
10003: 8-Inch (14 AWG) (BULK)
20204: 8-Inch (BAG)
10004: 8-Inch (BULK)*
20219: 10-Inch (BAG)
20225: 12-Inch (BAG)

PigTail: One (1) Flanged Spade Terminal and a captive GSH Ground Screw.



20229: 8-Inch* (BAG)

PigTail: Ring Terminal and a captive GSH Ground Screw - Stripped 5/8".



10041: 8-Inch (BULK)
20220: 10-Inch (BAG)
20226: 12-Inch (BAG)

PigTail: One (1) Flanged Spade Terminal and a captive GSC Ground Screw.



20236: 8-Inch (BAG)
20235: 10-Inch (BAG)

PigTail: Ring Terminal and a captive GSC Ground Screw - Stripped 5/8".



Contractor preferred

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P 800.336.1976 • F 800.336.2801 • E SALES@ENGPRODUCTS.COM

ENGINEERED PRODUCTS CO.

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Solid Wire With GSH Ground Screw										
20209	20209	6.5", Captive GSH Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10009	10161	6.5", Captive GSH Ground Screw – Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20210	20210	6.5" (14 AWG), Captive GSH Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10010	10162	6.5" (14 AWG), Captive GSH Ground Screw – Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	14
20211*	20211	8", Captive GSH Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	11
10011*	10163	8", Captive GSH Ground Screw – Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	22
20287	20287	10", Captive GSH Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	13
10089	10089	12", Captive GSH Ground Screw – Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	22
20289	20289	12", Captive GSH Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	13
Solid Wire With GSC Ground Screw										
20216	20216	6.5", Captive GSC Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10016	10016	6.5", Captive GSC Ground Screw – Stripped 1" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20286	20286	8", Captive GSC Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	11
20288	20288	10", Captive GSC Ground Screw – Stripped 1" (BAG)	PKG	50	BG	20	1000	50	Yes	13
Stranded Wire Without Ground Screws										
20208	20208	8", One (1) Flanged Spade Terminal – Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	13
10008*	10008	8", One (1) Flanged Spade Terminal – Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	26
Stranded Wire With GSH Ground Screw										
20203	20203	8", (14 AWG), One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	16
10003	10154	8" (14 AWG), One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	32
20204*	20204	8", One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	13
10004*	10155	8", One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	26
20219	20219	10", One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	15
20225	20225	12", One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	17
20229*	20229	8", Ring Terminal - Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	12
Stranded Wire With GSC Ground Screw										
20220	20220	10", Ring Terminal, One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	15
20226	20226	12", Ring Terminal, One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	17
20235	20235	10", Ring Terminal - Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	14
20236	20236	8", Ring Terminal - Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	12
20241	20241	8", Ring Terminal, One (1) Flanged Spade Terminal (BAG)	PKG	50	BG	20	1000	50	Yes	13
10041	10160	8", Ring Terminal, One (1) Flanged Spade Terminal (BULK)	PKG	1000	BN	1000	1000	1000	Yes	26

Contractor preferred

UNITS OF MEASURE KEY

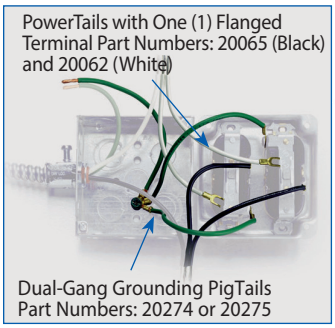
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EPCO Ground Bonding PigTails are Made in the USA. Complies with the American Recovery and Reinvestment Act – Buy American Provision.

SINGLE AND DUAL-GANG GROUND BONDING PIGTAILS (12 AWG ONLY)

- Labor and Time Savings!
- US/Canada UL Listed. UL File: #E229221.
- Matched Flanged Spade and Ring Terminals ensure a safe, reliable ground connection.
- Meet the requirements of the 2023 National Electrical Code: Articles 110.14(A) and (B) and 250.8(A).





Part Number: 20274

Reprinted from the 2023 National Electrical Code: Article 250.148 — Continuity and Attachment of Equipment Grounding Conductors to Boxes:
Where circuit conductors are spliced within a box, or terminated on equipment within, or supported by a box, any equipment grounding conductor(s) associated with those circuit conductors shall be connected within the box or to the box with devices suitable for the use in accordance with 250.148(A) through (E).

REFERENCE GUIDE — SINGLE AND DUAL-GANG GROUND BONDING PIGTAILS (12 AWG ONLY)

PART NUMBERS

20267: 8-Inch Solid Wire Single-Gang (BAG)



20268: 8-Inch Stranded Wire Single-Gang (BAG)



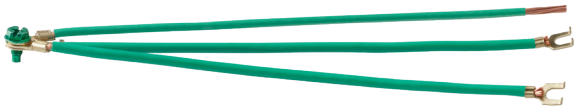
20270: 8-Inch Stranded Wire Dual-Gang* (BAG)



20274: 8-Inch Solid Wire Dual-Gang* (BAG)



20275: 8-Inch Stranded Wire Dual-Gang (BAG)



Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
20267(BAG)	20267	**Single-Gang PigTail:** One (1) 8" Solid Wire Incoming Lead - Stripped 1", One (1) 8" Stranded Wire Conductor with One (1) Flanged Spade Terminal, captive GSH Ground Screw	PKG	20	BG	20	400	20	Yes	9
20268(BAG)	20268	**Single-Gang PigTail:** One (1) 8" Stranded Wire Incoming Lead - Stripped 5/8", One (1) 8" Stranded Wire Conductor with One (1) Flanged Spade Terminal, captive GSH Ground Screw	PKG	20	BG	20	400	20	Yes	9
20270(BAG)*	20270	**Dual-Gang PigTail:** Two (2) 8" Stranded Wire Conductors, each with One (1) Flanged Spade Terminal, captive GSH Ground Screw	PKG	20	BG	20	400	20	Yes	10
20274(BAG)*	20270	**Dual-Gang PigTail:** One (1) 8" Solid Wire Incoming Lead - Stripped 1",Two (2) 8" Stranded Wire Conductors, each with One (1) Flanged Spade Terminal, captive GSH Ground Screw	PKG	20	BG	20	400	20	Yes	11
20275(BAG)	20275	**Dual-Gang PigTail:** One (1) 8" Stranded Wire Incoming Lead - Stripped 5/8", Two (2) 8" Stranded Wire Conductors, each with One (1) Flanged Spade Terminal, captive GSH Ground Screw	PKG	20	BG	20	400	20	Yes	13

Contractor preferred

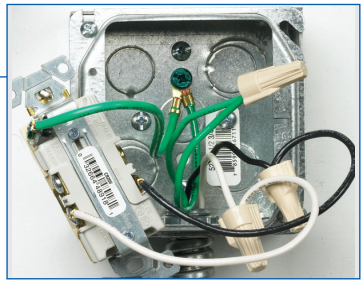
UNITS OF MEASURE KEY
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SINGLE AND DUAL-GANG GROUND BONDING PIGTAILS — APPLICATION EXAMPLES

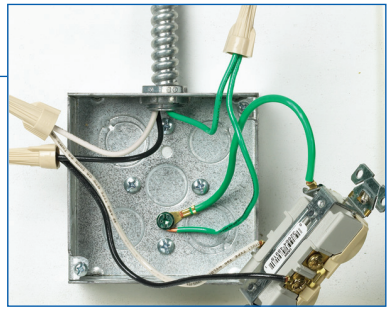
SINGLE-GANG SOLID WIRE: P/N 20267

The ground screw is screwed into and bonds the metal junction box. The single stranded wire grounding conductor with the flanged spade terminal from this same PigTail grounds the receptacle. The solid wire grounding conductor on the PigTail will ground the receptacle. The solid wire grounding conductor on the PigTail connects to the MC Cable and bonds back to the service panel.



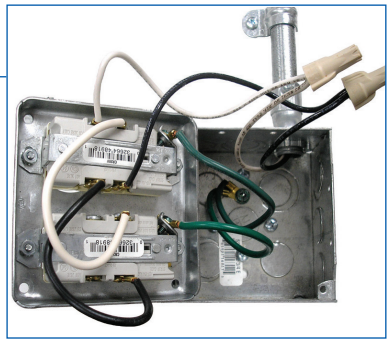
SINGLE-GANG STRANDED WIRE: P/N 20268

The ground screw is screwed into and "grounds" the metal junction box. The single stranded wire grounding conductor with the flanged spade terminal from this PigTail grounds the receptacle. The stranded wire grounding conductor on the PigTail connects (by wire nut) the incoming ground conductor in the MC Cable and bonds back to the service panel.



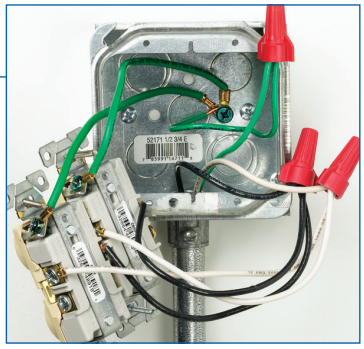
DUAL-GANG STRANDED WIRE: P/N 20270

The ground screw is screwed into the 10/32 tapped grounding hole opening in the metal junction box, bonding the junction box to the conduit system and grounded back to the service panel. The two (2) stranded wire ground PigTails with the flanged spade terminals would then connect to the grounding screw of the receptacles or switches to be wired.



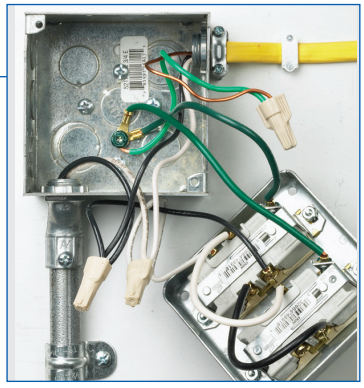
DUAL-GANG SOLID WIRE: P/N 20274

The ground screw is screwed into and bonds the metal junction box. The two (2) stranded wire grounding conductors with the flanged spade terminals from this PigTail grounds each receptacle. The solid wire conductor on the PigTail connects by wire nut to the incoming ground conductor in the conduit and bonds back to the service panel.



DUAL-GANG STRANDED WIRE: P/N 20275

The ground screw is screwed into and "grounds" the metal junction box and is bonded back to the service-grounded panel. Two (2) stranded wire grounding conductors with flanged spade terminals from this PigTail ground each receptacle. The stranded wire grounding conductor on the PigTail connects by wire nut to the ground conductor from the incoming cable.



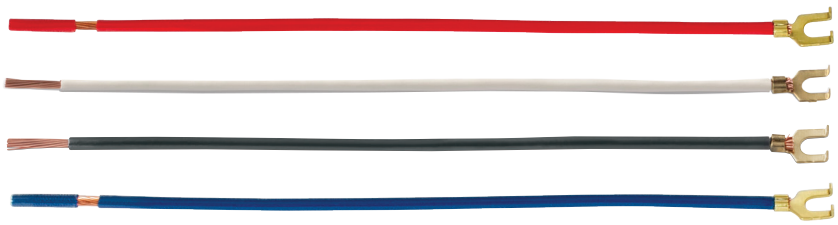
POWERTAILS DEVICE WIRING CONDUCTORS (12 AWG ONLY)

- Labor and Time Savings! Used by contractors that wire Commercial and Industrial buildings when using single and/or multi-gang metal boxes.
- UL Recognized.
- Provides installation speed and a reliable connection when bringing power to multiple devices. Perfect for pre-wiring devices in the contractor's shop or on the job site.
- 8" Black, White, Blue, or Red leads feature a factory crimped Flanged Spade Terminal that slips under the terminal screw on the device.
- Manufactured using flexible 12 AWG stranded wire to easily push into the junction box.
- Meet the requirements of the 2023 National Electrical Code: Articles 110.14(A) and (B).

REFERENCE GUIDE — STRANDED POWERTAILS DEVICE WIRING CONDUCTORS (12 AWG)

PART NUMBERS

20261: Red (BAG)
10061: Red (BULK)
20262: White (BAG)
10062: White (BULK)
20265: Black (BAG)
10065: Black (BULK)
20277: Blue (BAG)
10077: Blue (BULK)



c UL us
PROCESSED WIRE

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
20261	20261	8", Red, One (1) Flanged Spade Terminal, Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10061	10061	8", Red, One (1) Flanged Spade Terminal, Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20262	20262	8", White, One (1) Flanged Spade Terminal, Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10062	10062	8", White, One (1) Flanged Spade Terminal, Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20265	20265	8", Black, One (1) Flanged Spade Terminal, Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10065	10065	8", Black, One (1) Flanged Spade Terminal, Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18
20277	20277	8", Blue, One (1) Flanged Spade Terminal, Stripped 5/8" (BAG)	PKG	50	BG	20	1000	50	Yes	9
10077	10077	8", Blue, One (1) Flanged Spade Terminal, Stripped 5/8" (BULK)	PKG	1000	BN	1000	1000	1000	Yes	18

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GROUND SCREWS

Our Ground Screws are manufactured in compliance with the Restriction of Hazardous Substances (RoHS) European Directive. These Screws (#10-32 x .375") meet the requirements of the 2023 National Electrical Code: Article 250.8.



GSH Ground Screw
Hex Head Screw

GSH — Hex Head Screw – Combination slotted, Phillips and square drive tapered point screw used to simplify wiring installations when pre-tapped holes exist in metal boxes.



GSC Ground Screw
Cutting Point Screw

GSC — Cutting Point Screw – Combination hex head, slotted, Phillips and square drive screw for use in metal boxes when holes have not been pre-tapped.

Note: *The Directive of the 2002/95/EC European Union (EU), restricts the use of certain hazardous substances in electrical and electronic equipment. Those substances are Lead, Mercury, Cadmium, Hexavalent Chromium, PBBs.*

GROUND CLIPS

Our Ground Clips are an excellent time and labor saving alternative to Ground Screws and are specifically designed for termination of the grounding conductor and should be used when a 10-32 hole is not pre-drilled or tapped into a metallic junction box.



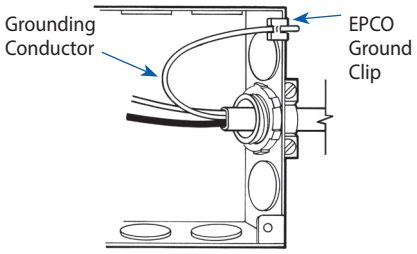
Ground Clip

Since ground clips are forced onto the outside edge of the junction box, we recommend using a "new" clip instead of re-using the old clip. Clips should never be forced onto the round portion of a plaster ring or a poor electrical connection will result.

INSTALLATION PROCEDURE

The correct way to install a ground clip is to feed the grounding conductor into the ground clip with the shorter part of the ground clip placed inside the junction box.

Then use the flat blade of a screwdriver to force the ground clip onto the junction box to ensure a good electrical connection. See illustration.



RoHS ✓ Compliant 2002/95/EC

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Ground Screws										
GSH	10051	**GSH:** Slotted, #2 Phillips, Hex Head, #2 Robertson with Tapered Die Point - Green	PKG	100	PKG	10	1000	100	Yes	1
20051	20051	**GSH:** Bulk	C	1000	BN	1000	1000	1000	Yes	10
GSC	10053	**GSC:** Slotted, #2 Phillips, Hex Head with Cutting Point - Green	PKG	100	PKG	10	1000	100	Yes	1
20053	20053	**GSC:** Bulk	C	1000	BN	1000	1000	1000	Yes	10
Ground Clips										
GC	10052	**Ground Clip:** for 14 AWG -12 AWG Solid Wire	PKG	100	PKG	10	1000	100	Yes	1
20052	20052	**GC:** Bulk	C	1000	BN	1000	1000	1000	Yes	10

Note: *Ground Screws listed above are used in our Ground Bonding PigTails.*

****Contractor preferred***

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ENGINEERED PRODUCTS CO.